

MAMMALIAN CYTOKINES; RECEPTORS;  
RELATED REAGENTS AND METHODS

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## ABSTRACT

Nucleic acids encoding mammalian, e.g., rodent, IL-1 $\delta$ ,  
IL-1 $\epsilon$ , purified IL-1 $\delta$  and IL-1 $\epsilon$  proteins and fragments thereof.  
10 Antibodies, both polyclonal and monoclonal, are also provided.  
Methods of using the compositions for both diagnostic and  
therapeutic utilities are provided.